

**DECLARATION & POWER OF ATTORNEY**

As a below-named inventor, I hereby declare that:

My correct residence, post office address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD AND APPARATUS OF MEMORY CLEARING WITH MONITORING MEMORY  
CELLS**

The specification of this subject matter:

☒ is attached hereto.

was filed on \_\_\_\_\_ ;

was assigned serial No. \_\_\_\_\_ ;

which was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified patent application, including the claims, as amended by any amendment(s) referred to above. I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, and that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. § 1.56(a).

I hereby claim foreign priority benefits under 35 U.S.C. § 119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Claimed

Number	Country	Month/Day/Year Filed	Yes	No
Number	Country	Month/Day/Year Filed	Yes	No
Number	Country	Month/Day/Year Filed	Yes	No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Number	Filing Date
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Application Number	Filing Date
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I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in these prior United States application(s) in the manner provided by 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

09/654,240	September 2, 2000	Pending
Application No.	Filing Date	Status (Issued, Pending, Abandoned)

Application No.	Filing Date	Status (Issued, Pending, Abandoned)
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Application No.	Filing Date	Status (Issued, Pending, Abandoned)
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Application No.	Filing Date	Status (Issued, Pending, Abandoned)
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I hereby appoint Kenneth D'Alessandro, Registration No. 29,144, Timothy A. Brisson, Registration No. 44,046, Andrew V. Smith, Registration No. 43,132, Michael A. Blake, Registration No. 42,333, Andrew D. Gathy, Reg. No. 46,441, Nicole E. Coppes-Gathy, Reg. No. 46,640, Kristin C. Castle, Reg. No. 47,208, John W. Crosby, Reg. No. 49,058, Barbara J. Luther, Reg. No. 33,954, Ed Bushard, Reg. No. 48,974 William D. Beard, Reg. No. 48,888 William P. Wilbar, Reg. No. 43,265 and all Registered Attorneys and Registered Agents of Sierra Patent Group, Ltd. as attorneys of record with full power of substitution and revocation, to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith, and certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment, a copy of which is attached, from the inventor(s) of the patent application identified above.

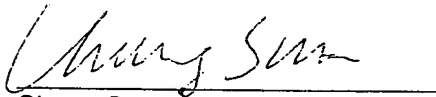
Please send all correspondence and direct all telephone calls to:

Michael A. Blake  
Sierra Patent Group, Ltd.  
P.O. Box 6149  
Stateline, NV 89449  
Telephone (775) 586-9500

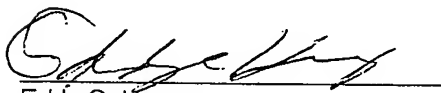
FULL NAME OF INVENTOR 1	FIRST Name	MIDDLE Initial(s)	LAST Name	
	Chung		Sun	
RESIDENCE AND CITIZENSHIP	City	State or Foreign Country	Country of Citizenship	
	San Jose	California	USA	
POST OFFICE ADDRESS	Number and Street	City	State or Country	Zip Code
	1428 Japaul Lane	San Jose	California	95132

FULL NAME OF INVENTOR 2	FIRST Name	MIDDLE Initial(s)	LAST Name	
	Eddy	C.	Huang	
RESIDENCE AND CITIZENSHIP	City	State or Foreign Country	Country of Citizenship	
	San Jose	California	USA	
POST OFFICE ADDRESS	Number and Street	City	State or Country	Zip Code
	1149 Almaden Oaks Lane	San Jose	California	95120

I, the undersigned, declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing therefrom.

  
Chung Sun

4-22-2002  
Date

  
Eddy C. Huang

4-22-02  
Date



JULY 31, 2002

PTAS

Chief Information Officer  
Washington, DC 20231  
[www.uspto.gov](http://www.uspto.gov)

SIERRA PATENT GROUP, LTD.  
STEPHANIE DAVIS  
P.O. BOX 6149  
STATELINE, NV 89449



\*102110022A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/31/2002

REEL/FRAME: 012939/0943  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
SUN, CHUNG

DOC DATE: 04/22/2002

ASSIGNOR:  
HUANG, EDDY C.

DOC DATE: 04/22/2002

ASSIGNEE:  
ACTEL CORPORATION  
955 EAST ARQUES AVENUE  
SUNNYVALE, CALIFORNIA 94086

SERIAL NUMBER: 10077188  
PATENT NUMBER:

FILING DATE: 02/15/2002  
ISSUE DATE:

SAUNDRA BALLENGER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

06-04-2002

U.S. Department of Commerce  
Patent and Trademark Office

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HEET

MAY 31 PM 12:27

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To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof

## 1. Names of conveying parties

Chung Sun

Eddy C. Huang

5-31-02

## 2. Name and address of receiving party

Name: Actel Corporation

Internal Address: \_\_\_\_\_

Additional names (s) of conveying party(ies) attached ( ) yes (X) no

## 3. Nature of conveyance:

(X) Assignment ( ) Merger

( ) Security Agreement ( ) Change of Name

( ) Other \_\_\_\_\_

Street Address: 955 East Arques AvenueCity: Sunnyvale State: CA Zip: 94086Execution Date: April 22, 2002

Additional names (s) &amp; address(es) attached? ( ) Yes (X) No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of application is \_\_\_\_\_

A. Patent Application No.(s)

10/077,188

B. Patent No.(s)

Additional numbers attached? ( ) Yes (X) No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Sierra Patent Group, Ltd.

Internal Address: \_\_\_\_\_

Address: P.O. Box 6149City: Stateline State: NV Zip: 89449

7. Total fee (37CFR 3.41).....\$40.00

(X) Enclosed

( ) Authorized to be charged to deposit account

8. Deposit account Number: 50-0612

(Attached duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Stephanie Davis

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents 3

Mail documents to be recorded with required cover sheet information to:

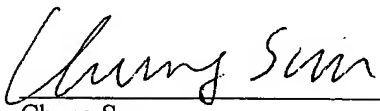
Assistant Commissioner for Patents, Box Assignment, Washington, D.C. 20231

ASSIGNMENT

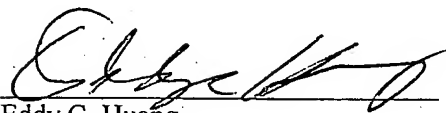
WHEREAS, we, Chung Sun, a citizen of USA, residing at 1428 Japaul Lane, San Jose, California 95132, and Eddy C. Huang, a citizen of USA, residing at 1149 Almaden Oaks Lane, San Jose, California 95120, hereinafter referred to as Assignors, have invented a **"METHOD AND APPARATUS OF MEMORY CLEARING WITH MONITORING MEMORY CELLS"** for which we have executed application papers for a U.S. patent thereon, which was filed on \_\_\_\_\_, 2002, serial No. (Not yet assigned); and

WHEREAS, Actel Corporation, a California Corporation, having a place of business at 955 East Arques Avenue, Sunnyvale, California 94086, hereinafter referred to as Assignee, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefore in the United States of America and its territories and possessions, and all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, we, the Assignors, do sell, assign, transfer and set over unto said Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all Letters Patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee, its successors and assigns, in accordance with this Assignment.

  
Chung Sun

4-22-2002  
Date

  
Eddy C. Huang

4-22-02  
Date